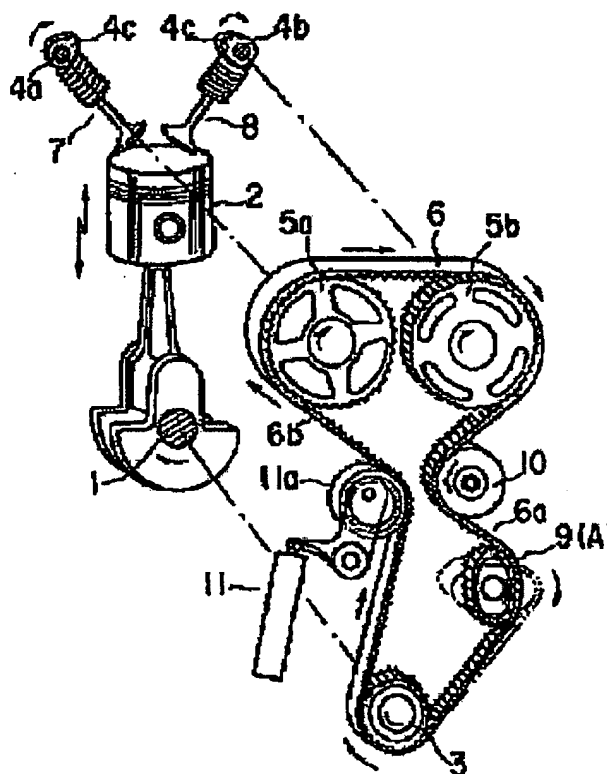


CAM SHAFT DRIVING DEVICE**Patent number:** JP10266868**Publication date:** 1998-10-06**Inventor:** KUBO MASAHIKO, MURATA SHINICHI, HATANO KIYOSHI**Applicant:** MITSUBISHI MOTORS CORP**Classification:****- International:** F02B67/06; F16H7/02**- European:****Application number:** JP19970073581; 19970326**Priority number(s):****Also published as:** DE19812939 (A1)**Abstract of JP10266868**

PROBLEM TO BE SOLVED: To provide a cam shaft driving device which sufficiently reduces variable load of a timing belt.

SOLUTION: This cam shaft driving device has a timing belt 6 which is wound around a crank shaft sprocket 3 at the end of a crank shaft and cam sprockets 5a, 5b at the ends of two cam shafts for intake and exhaust. By winding an oval sprocket A which provides tension which has phase reverse to periodic tension fluctuation circumferentially to the timing belt 6 around a belt part 6a between the cam sprocket 5b in the tensile side and the crank shaft sprocket 3, high tension fluctuation is generated which satisfactorily offsets the tension fluctuation.



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